

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	20987	chamber same (open\$3 near3 bottom)	US-PGPUB; USPAT	OR	ON	2006/04/12 08:36
L2	53	1 and (shaft near3 (dust particle contaminat\$3))	US-PGPUB; USPAT	OR	ON	2006/04/12 08:44
L3	348388	("118"/\$ 156/345.\$2 "204"/\$ "216"/\$ "315"/\$ "427"/\$ "438"/\$)	US-PGPUB; USPAT	OR	ON	2006/04/12 08:44
L4	1610	3 and 1	US-PGPUB; USPAT	OR	ON	2006/04/12 12:45
L5	7	4 and (shaft near3 (dust particle contaminat\$3))	US-PGPUB; USPAT	OR	ON	2006/04/12 08:45
L6	502	4 and shaft	US-PGPUB; USPAT	OR	ON	2006/04/12 08:48
L7	346	6 and seal\$3	US-PGPUB; USPAT	OR	ON	2006/04/12 08:48
L8	1096	4 and (shaft pipe tube\$2)	US-PGPUB; USPAT	OR	ON	2006/04/12 08:48
L9	903	8 and (seal\$3 dust particle)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:43
L10	284	(chamber same (bottom near3 open\$3)) and ((shaft pipe tub\$3) same(seal\$3 dust particle))	EPO; JPO; DERWENT	OR	ON	2006/04/12 09:16
L11	284	(chamber same (bottom near3 open\$3)) and ((shaft pipe tub\$3) same (seal\$3 dust particle))	EPO; JPO; DERWENT	OR	ON	2006/04/12 09:19
L12	3	11 and plasma	EPO; JPO; DERWENT	OR	ON	2006/04/12 09:17
L13	0	11 and (c23C016/00 and H01L021/00)	EPO; JPO; DERWENT	OR	ON	2006/04/12 09:21
L14	4	11 and (c23C016/\$ and H01L021/\$)	EPO; JPO; DERWENT	OR	ON	2006/04/12 09:21
L16	88	(andrezej near2 kaszuba).in. (sophia near2 velastegui).in. (visweswaren near2 sivaramakrishnan).in. (pyongwon near2 yim).in. (mario near2 silvetti).in. (tom near2 cho).in. (indrajit near2 lahiri).in. (surinder near2 bedi).in.	US-PGPUB; USPAT	OR	ON	2006/04/12 09:25
L17	89	(andrzej near2 kaszuba).in. (sophia near2 velastegui).in. (visweswaren near2 sivaramakrishnan).in. (pyongwon near2 yim).in. (mario near2 silvetti).in. (tom near2 cho).in. (indrajit near2 lahiri).in. (surinder near2 bedi).in.	US-PGPUB; USPAT	OR	ON	2006/04/12 09:25

EAST Search History

L18	17	17 and (chamber and shaft and ring)	US-PGPUB; USPAT	OR	ON	2006/04/12 09:26
L21	2	"20050172905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 11:24
L22	247	8 and ((ring collar) near4 (seal\$3 dust particle))	US-PGPUB; USPAT	OR	ON	2006/04/12 12:06
L23	1175	((shaft pipe tub\$3) near4 seal\$3) same ((ring collar sleeve) near4 (wedge corner edge))	US-PGPUB; USPAT	OR	ON	2006/04/12 12:08
L24	27	23 and 3	US-PGPUB; USPAT	OR	ON	2006/04/12 12:11
L25	85	3 and (ring near3 wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:19
L26	492	3 and (wedge near4 (ring collar member))	US-PGPUB; USPAT	OR	ON	2006/04/12 12:20
L27	3	26 and (seal\$3 near4 (particle\$2 dirt dust))	US-PGPUB; USPAT	OR	ON	2006/04/12 12:25
L28	117763	3 and (dust particle dirt)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:25
L29	8678	28 and ((shaft pipe tub\$3) same seal\$3)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:26
L30	37	29 and (wedge near4 (ring collar sleeve member))	US-PGPUB; USPAT	OR	ON	2006/04/12 12:27
L31	10	8 and ((seal\$3 dust particle) same wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:44
L32	4	3 and ((shaft near4 seal\$3) same wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:48
L33	5	3 and ((shaft near5 seal\$3) same wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:50
L34	1720	3 and (shaft near5 seal\$3)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:50
L35	1192	3 and (shaft near3 seal\$3)	US-PGPUB; USPAT	OR	ON	2006/04/12 12:51
L36	466	35 and ("118"/\$ 156/345.\$2).ccls.	US-PGPUB; USPAT	OR	ON	2006/04/12 13:57
L37	465	118/733.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/12 13:59
L38	26	37 and (shaft near3 seal)	US-PGPUB; USPAT	OR	ON	2006/04/12 14:14
L39	856	34/242.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/12 14:14

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L40	79	39 and shaft	US-PGPUB; USPAT	OR	ON	2006/04/12 14:24
L41	22	40 and (wedge V)	US-PGPUB; USPAT	OR	ON	2006/04/12 14:30
L42	938	277/500.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/12 14:24
L43	250	42 and shaft	US-PGPUB; USPAT	OR	ON	2006/04/12 14:24
L44	50	43 and (wedge V)	US-PGPUB; USPAT	OR	ON	2006/04/12 14:27
L45	16	43 and wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 14:28
L46	7	40 and wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 14:33
L47	614	shaft same seal same wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 14:51
L48	2	shaft near seal near wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 14:45
L49	12	shaft near3 seal near3 wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 14:47
L50	38	(shaft near3 seal) same (seal near3 wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 14:48
L51	66085	shaft same seal	US-PGPUB; USPAT	OR	ON	2006/04/12 14:51
L52	4316	51 and wedge	US-PGPUB; USPAT	OR	ON	2006/04/12 15:02
L53	189	52 and 3	US-PGPUB; USPAT	OR	ON	2006/04/12 14:53
L54	5	53 and (seal near4 wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:03
L55	25	53 and (seal same wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:00
L56	1	"5346513".pn.	US-PGPUB; USPAT	OR	ON	2006/04/12 15:01
L57	2353	51.and (wedge and chamber)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:02
L58	34413	51 and chamber	US-PGPUB; USPAT	OR	ON	2006/04/12 15:02
L59	165	58 and (seal near4 wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:03
L60	130	58 and (seal near3 wedge)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:09
L61	404	(wedge near3 shape\$2) near3 seal\$2	US-PGPUB; USPAT	OR	ON	2006/04/12 15:10

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L62	65	61 and (chamber and shaft)	US-PGPUB; USPAT	OR	ON	2006/04/12 15:10
L63	6	"20030044269" "5938363"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:22
L64	4	"20030044269" "5938363".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:23
L65	4	"20030044269" "5938343".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 15:23
L66	2	"5938343".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:17
L67	13537	(applied near2 materials).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/12 16:17
L68	5434	(applied near2 materials).as.	US-PGPUB; USPAT	OR	ON	2006/04/12 16:18
L69	1063	68 and (chamber and shaft)	US-PGPUB; USPAT	OR	ON	2006/04/12 16:19
L70	670	68 and ((chamber same (open\$3 aperture)) and shaft)	US-PGPUB; USPAT	OR	ON	2006/04/12 16:21
L71	100	70 and (seal\$3 same (dust particle dirt))	US-PGPUB; USPAT	OR	ON	2006/04/12 16:22
L72	185	71 or 17	US-PGPUB; USPAT	OR	ON	2006/04/12 16:23
L73	113	71 or 18	US-PGPUB; USPAT	OR	ON	2006/04/12 16:23

EAST Search History

S12	2	"20050172905"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 11:55
S13	2	"20030141673"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 16:26
S14	2	"20050241767"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:01
S15	881711	"118"/	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/11 18:01
S16	1637	(118/729 118/730 156/345.54 156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2006/04/11 19:11
S17	3238	(118/728 118/729 118/730 156/345. 51 156/345.52 156/345.53 156/345. 54 156/345.55).ccls.	US-PGPUB; USPAT	OR	ON	2006/04/11 19:12
S18	1	S17 and ((shaft near4 seal\$3) same dust)	US-PGPUB; USPAT	OR	ON	2006/04/11 19:14
S19	2	S17 and (shaft same seal\$3 same dust)	US-PGPUB; USPAT	OR	ON	2006/04/11 19:15
S20	1	S17 and (dust same (shaft near4 (ring bush\$3 sleeve)))	US-PGPUB; USPAT	OR	ON	2006/04/11 19:17
S21	668	(dust same (shaft near4 (ring bush\$3 sleeve)))	US-PGPUB; USPAT	OR	ON	2006/04/11 19:19
S22	1	S21 and (substrate near3 (support holder susceptor chuck))	US-PGPUB; USPAT	OR	ON	2006/04/11 19:19
S23	1415	S17 and (substrate near3 (support holder susceptor chuck))	US-PGPUB; USPAT	OR	ON	2006/04/11 19:19
S24	1	S17 and S21	US-PGPUB; USPAT	OR	ON	2006/04/11 19:19